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David et al.

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(54) **INTEGRATED CIRCUIT PACKAGE HAVING
A SPLIT LEAD FRAME AND A MAGNET**

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MA (US)

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(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
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This patent is subject to a terminal dis-
claimer.

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(57) **ABSTRACT**

A magnetic field sensor includes a lead frame having a plu-
rality of leads, at least two of which have a connection portion
and a die attach portion. A semiconductor die is attached to
the die attach portion of the at least two leads and a separately
formed ferromagnetic element, such as a magnet, is disposed
adjacent to the lead frame.

(58) **Field of Classification Search**
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See application file for complete search history.

63 Claims, 8 Drawing Sheets

